

**NAMAKKAL KAVINGAR RAMALINGAM GOVERNMENT ARTS  
COLLEGE FOR WOMEN, NAMAKKAL – 637 001**

**DEPARTMENT OF CHEMISTRY**

**Staff Profile**



Name : Dr.D.SUDHA  
Position : **Guest Lecturer**  
Department : **Chemistry**  
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**Office Location : N.K.R Govt.Arts College for Women,Namakkal**

**Education:**

S.No	Degree	University	Year of Graduation:
1	Ph.D	Periyar University	JUNE 2018
2	M.Phil (Chemistry)	Bharathidasan University	DEC'2007
3	M.Sc (Chemistry)	Periyar University	APR'1996
5	B.Sc (Chemistry)	Bharathidasan University	APR'1994

**Professional Experience:**

Sno.	Year	Position Held	Institution	Responsibility
1	2000	Guest Lecturer	N.K.R Govt.Arts College for Women, Namakkal.	Teaching UG & PG Students

**Research Interests: PHOTOCATALYSIS**

Brief description of research areas and interests: PREPARATION OF NANOMATERIALS AND PHOTOCATALYTIC ACTIVITY ON VARIOUS ORGANIC DYES

**Publications**

List of key publications, including books, journal articles, and conference papers.

**LIST OF PUBLICATIONS**

- 1.Sudha D. and Sivakumar P, Review on the photocatalytic activity of various composite catalysts, (2015), Chem. Eng. Process. Process Intensif., Vol. 97, pp 112-133.
- 2.Ponnusamy Sivakumar, Duraisamy Sudha, Ponnusamy Mahalingam,- Andimuthu Loganathan, Synthesis and photocatalytic application of nano La-Ce/TiO<sub>2</sub> composite catalyst, (2017), Desalin. Water Treat., Vol. 74, pp 354-361.

3. 1. Kalpana R1,Ashokan S2,Subbaramaniyan P,Shanmugasundaram P1,Sudha D3,Thennarasu S4 Jesbin J2,Preparation and Characterization of Graphene Doped Molybdenum Trioxide/Manganese Oxide Ternary Nanocomposite for Supercapacitor Performance

## LIST OF PAPERS PRESENTED IN CONFERENCES

### International Conferences

1. Presented a poster on the "Synthesis, Characterization and Applications of Metal Oxide Photocatalyst-A Review" in the International conference on Nanomaterials and Nanotechnology (NANO-15) held at K.S. Rangasamy college of Technology, Tiruchengode, from 07.12.2015 to 10.12.2015.
2. An oral presentation on "Investigations of Synthetic Pathway, Characterization and Photocatalytic activity of Few Metal Oxides-A Review" in the International Conference on Chemical and Environmental Research (ICCER-2015) organized at Jamal Mohamed College, Trichirappalli on 17.12.2015.

### National Conferences

1. Presented a paper on "Role of preparation pathways on surface morphology and end use of various metal oxides (a review)" in the UGC Sponsored Two-day National Level Conference on "RECENT TRENDS IN MEDICINAL CHEMISTRY" on 19.02.2015 to 20.02.2015 held at Government Arts College, Coimbatore.
2. Presented a paper titled "Investigations of Photocatalytic Activity of Some Metal Oxide and Metal Sulphide Photocatalyst-A Review" in the UGC sponsored National Seminar On "RECENT ADVANCES IN CHEMISTRY" organized at Kandaswami Kandar's college, P.Velur, on 13.08. Awards and Honors

List of awards and honors received.

### **Courses Taught: Chemistry**

### **Professional Memberships**

### **Projects and Grants**

.Contact Information

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